

Product Handling Information Sheet

PA 6 FR black

1. Company

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2. Product description

Product/article	Technical semi-finished product
Standard designation	PA 6 FR
Characterisation	Thermoplastic material (flame retardant)
Main constituents	• Polyamide 6 • contains flame retardant (halogen- and phosphorus-free) • contains black colour pigments
Constituents subject to labelling	none
Classification according to REACH	Article
Notes	-

3. Properties of the product

Form/state	• solid
Colour	black
Odour	• odourless
Density	1.17 g / cm ³
Melting range	222 °C
Glass transition temperature	-
Thermal decomposition	> 300 °C
Auto-ignition temperature	> 400 °C
Burning behaviour	flame retardant, self-extinguishing (UL 94 V-0)
Notes	-

4. Hazard information

Particular hazards to man and environment	none
Notes	-

5. Handling and storage

Handling	• The product can be machined with standard machinery. • Before machining, the product should be at room temperature or stored under standard climatic conditions for at least 24 h. • Because of the lower toughness, use sharp tools and adapted cutting parameters.
Storage recommendation	• horizontal • dry • protected from weathering
Protective measures	-
Shelf life	-
Notes	-

6. Transport

Transport	• Not a dangerous good in the sense of the transport regulations.
Packaging	-
Notes	-

7. Fire-fighting information

Suitable extinguishing media	• water • foam • dry extinguishing powder • CO2
Possible combustion products	• carbon monoxide • nitrogen oxides • traces of hydrogen cyanide
Required protective equipment	• Fire-fighters and others exposed to combustion products should wear full protective clothing and self-contained breathing apparatus.
Notes	Cool molten product with water. Collect extinguishing water and fire residues and dispose of them in accordance with local official regulations.

8. Disposal information

Recyclability	Check the possibility of recycling.
EU waste catalogue	The product is not classified as hazardous according to the European Waste Catalogue (EWC).
Disposal	In compliance with local regulations, the material can be landfilled as domestic waste or fed to a suitable incineration plant.
Waste code no.	• 12 01 05 – plastics shavings and turnings • 07 02 13 – waste plastic
Notes	–

9. Labelling, directives and regulations

Labelling according to EEC directives	not subject to labelling
Notes	–

10. REACH information

Information	According to EC Directive 1907/2006/EC (REACH), Article 3, No. 3, our products are articles that are not subject to registration. The European Regulation (EC) on chemicals No. 1907/2006 (REACH), which came into force on 1 June 2007, requires safety data sheets (SDS) only for hazardous substances and preparations. Our products are articles according to REACH, therefore no SDS requirement applies.
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11. Other information

Other information	The above information is based on the present state of our knowledge and does not constitute an assurance of properties. Existing laws and regulations must be observed by the recipient of our product on their own responsibility.
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